

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

(See other
instructions on
reverse side)

5. LEASE DESIGNATION AND
LEASE NO. SF-078766

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐	OTHER
b. TYPE OF COMPLETION: NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐	OTHER
2. NAME OF OPERATOR NORTHWEST PIPELINE CORPORATION	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 58900 MS 2M3 SALT LAKE CITY, UTAH 84158-0900 (801) 584-6981	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): 2218' FSL & 580' FEL At Surface At top production interval reported below At total depth	
14. PERMIT NO.	DATE ISSUED
12. COUNTY OR PARISH SAN JUAN	13. STATE NEW MEXICO
15. DATE SPUDDED 08/07/94	16. DATE T.D. REACHED 08/14/94
17. DATE COMPLETED (READY TO PRODUCE) 10/15/94	18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6399' GR
19. ELEVATION CASINGHEAD 6399'	
20. TOTAL DEPTH, MD & TVD 6075'	21. PLUG, BACK T.D., MD & TVD 6055'
22. IF MULTICOMP., HOW MANY 2	23. INTERVALS DRILLED BY +++++
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE 5443' TO 5945'	
25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN CASED HOLE: GR/CCL/CBL OPEN HOLE: GR/ES/CDL/SNL	
27. WAS WELL CORED NO	

CASING REPORT (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD			AMOUNT PULLED
9-5/8" K-55	36#	521'	12-1/4"	300 SX	357 cu.ft.	SURFACE	
7" K-55	20#	3675'	8-3/4"	600 SX	1149 cu.ft.	SURFACE	

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2" K-55	3579'	6075'	240 SX (415 cu.ft.)		1-1/2" 2.9#	5915'	4000'

31. PERFORMANCE RECORD (Interval, size, and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
1ST STAGE 5713', 20', 22', 24', 26', 28', 36', 38', 40', 42', 44', 47', 49', 51', 53', 63', 66', 69', 72', 75', 78', 81', 84', 87', 5804', 07', 10', 13', 16', 19', 22', 47', 57', 75', 97', 5900', 03', 06', 18', 45'. TOTAL OF 40 .36" DIA HOLES.				DEPTH INTERVAL (MD)			
2ND STAGE 5443', 45', 79', 90', 92', 94', 96', 98', 5500', 02', 04', 18', 20', 22', 24', 45', 70', 72', 74', 76', 78', 80', 89', 91', 93', 5602', 04', 06', 09', 11', 39', 82'. TOTAL OF 32 .36" DIA HOLES				5713'	5945'	65,000# OF 20/40 SAND	68,124 GALS SLICK WATER
				5443'	5682'	42,400# 20/40 SAND	48,930 GALS SLICK WATER

33. PRODUCTION							
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING				WELL STATUS (PRODUCING OR SHUT IN) SHUT IN	
DATE OF TEST 10/19/94	HOURS TESTED 3 PITOT	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD+++++	OIL - BBL. 0	GAS - MCF 414	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS N/A	CASING PRESSURE N/A	CALCULATED 24-HOUR RATE++++		OIL - BBL. 0	GAS - MCF 3311	WATER - BBL. N/A	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
TO BE SOLD

TEST WITNESSED BY
CHIK CHARLEY

35. LIST OF ATTACHMENTS: LOGS, SUMMARY OF POROUS ZONES, & WELLBORE DIAGRAM

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED MARK MCCALLISTER TITLE SR. ENGINEER DATE OCT 21, 1994

*(See Instructions and Spaces for Additional Data on Reverse Side)
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.		NAME	TOP		
						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
<u>NACIMIENTO</u>	<u>SURFACE</u>							
040 ALAMO	2387'	2508'						
KIRTLAND	2508'	3050'						
FRUITLAND	3050'	3239'						
PICTURED CLIFFS	3239'	3550'						
LEWIS	3550'	5372'						
CLIFF HOUSE	5372'	5473'						
MENEFEE	5473'	5718'						
POINT LOOKOUT	5718'	5982'						
MANCOS	5982'	N/A						
TD	6075'							